Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 21 Feb 2023 until 23:59 on Wednesday 22 Feb 2023

Forecast Issued on Monday 20 Feb 2023 at 13:01

Confidence: High

Headline for Tuesday 21 Feb 2023: Cloudy with some hill fog at first but mainly dry, cloud lifting off the tops. Fresh southwest breeze, freezing level above the summits.

Mountain weather hazards on Tuesday 21 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Dull	Dull	Cloudy	Cloudy	Cloudy
Precipitation probability							
20%	20%	20%	10%	10%	10%	10%	10%

Forecast for Tuesday 21 Feb 2023

Weather: Cloudy and mainly dry but a few patches of drizzle are likely at first. A few brighter spells in the afternoon.

Chance of cloud-free hill tops above 600m: 20% at first rising to 80% for the afternoon.

Low cloud and visibility: Cloud extensive between 400-600m at first gradually lifting up to then above the summits by the afternoon. Below the cloud, visibility mainly good, though locally poor first thing in drizzle.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Tuesday 21 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 SW	17/23 SW	14/20 SW	13/17 SW	13/19 SW	14/20 SW	13/18 SW	15/22 SW	17/24 SW
300	14/22 SW	12/18 SW	10/16 SW	9/14 SW	10/15 SW	10/16 SW	8/14 SW	9/16 SW	10/17 SW
Valley	8/19 SW	7/16 SW	7/15 SW	7/14 SW	8/16 SW	8/15 SW	6/15 SW	6/16 SW	8/18 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	5/1	5/1	5/1	5/1	5/1	4/1	4/-0	3/-2
300	7/4	7/4	7/4	7/4	8/5	8/5	7/5	7/4	6/2
Valley	8/5	7/5	7/5	8/6	8/6	9/7	8/6	7/6	6/4
Freezing Level*	1800m	1800m	1700m	1700m	1600m	1500m	1500m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing extra.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 20 Feb 2023	0.2mm	3.6mm	10.8mm

Forecast for Wednesday 22 Feb 2023

Weather: Some rain will develop in the early hours this possibly turning sleety on the highest ground towards daybreak though it will die out soon after. Still rather cloudy into the afternoon then brightening up with some sunny intervals along with a few showers, wintry down to 500m.

Maximum wind: In early hours southerly 20 gusts 30mph becoming northwesterly 10-15mph

Chance of cloud-free hill tops above 600m: 10% early hours rising 40% during the morning and 80% in the afternoon.

Low cloud and visibility: Cloud at 400-600m at first with occasionally poor visibility in rain and snow then cloud breaking and lifting to above the hilltops in the afternoon with good visibility underneath.

Temperature: **Valleys:** Plus 6 Celsius
At 600m: Plus 4 early hours then falling to Plus 2 in morning and minus 1 in the evening.
Freezing level: Above summits early hours falling 800m by dawn then 600m by evening.

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